



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ernst Muellner et al.

Appl. No.: 09/941,082

Conf. No.: 5767

Filed: August 28, 2001

Title: CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER
FUNCTION

Art Unit: Unknown

Examiner: Unknown

Docket No.: 112740-298

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Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal of Information Disclosure Statement in duplicate;
2. IDS, PTO 1449, references; and
3. return receipt postcard.

are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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on June 9, 2003.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Robert Buccieri

Name of Person Mailing Correspondence

Signature

2831
#6
SP
07-02-03

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112740-298

In Re Application Of: **Ernst Muellner et al.**

O P E C S
JUN 12 2003

Serial No.
09/941,082

Filing Date
August 28, 2001

Examiner

Group Art Unit

Title: **CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER FUNCTION**

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Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

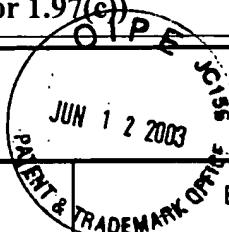
37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
 - the statement specified in 37 CFR 1.97(e);
OR
 the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112740-298

In Re Application: **Ernst Muellner et al.**



Serial No.
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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.
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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

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WE *V*
Signature

Dated: **June 9, 2003**

William E. Vaughan (Reg. No. 39,056)

Bell, Boyd & Lloyd LLC

P.O. Box 1135

Chicago, Illinois 60690-1135

CC:



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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
DE 197 17 586 C1		Germany

OTHER DOCUMENTS

IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324.

German DE 197 17 586 C1 relates to a clock and data recovery circuit for high data rate which has first and second flip-flop stages which provide parallel data streams with half data rate of input data signal, two EXOR gates controlled by a third D-Flip-flop stage and a subtractor whose output controls an oscillator.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LOYD LLC

BY


William E. Vaughan

Reg. No. 39,056

P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4292

Dated: June 9, 2003



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Atty Docket No. 112740-298	Application No. 09/941,082
	Applicant Muellner et al.	
	Filing Date 8-28-01	Group
PTO Form 1449		

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner's Initials	OTHER DOCUMENTS (<i>Including Author, Title, Date, Pertinent Pages, Etc.</i>)
	IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324

Examiner: _____ **Date Considered:** _____

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.